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 Approved for use through 7/31/2008, OMB 0631-0022
 Application on Patent Number 9,770,987

PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-878

CLAIMS AS FILED - PART I

FOR	NUMBER FILED	NUMBER EXTRA
BASIC FEE (37 CFR 1.16(a))		
TOTAL CLAIMS (37 CFR 1.16(e))		
INDEPENDENT CLAIMS (37 CFR 1.16(d))	minus 20 =	
	minus 3 =	
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(f))		

If the difference in column 1 is less than zero, enter "0" in column 2.

SMALL ENTITY	
RATE	FEE
x 25	325.00
x 100	
+ 180	
TOTAL	

OTHER THAN SMALL ENTITY	
RATE	FEE
x 50	790.00
x 200	
+ 360	
TOTAL	

CLAIMS AS AMENDED - PART II

AMENDMENT A	CLASSES REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total (37 CFR 1.16(a))	59	59	
Independent (37 CFR 1.16(d))			
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(f))			

SMALL ENTITY	
RATE	ADDITIONAL FEE
x 25	
x 100	
+ 180	
TOTAL ADD'L FEE	

OTHER THAN SMALL ENTITY	
RATE	ADDITIONAL FEE
x 50	
x 200	
+ 360	
TOTAL ADD'L FEE	

AMENDMENT B	CLASSES REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total (37 CFR 1.16(a))	59	59	
Independent (37 CFR 1.16(d))			
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(f))			

SMALL ENTITY	
RATE	ADDITIONAL FEE
x 25	
x 100	
+ 180	
TOTAL ADD'L FEE	

OTHER THAN SMALL ENTITY	
RATE	ADDITIONAL FEE
x 50	
x 200	
+ 360	
TOTAL ADD'L FEE	

AMENDMENT C	CLASSES REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total (37 CFR 1.16(a))			
Independent (37 CFR 1.16(d))			
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(f))			

SMALL ENTITY	
RATE	ADDITIONAL FEE
x 25	
x 100	
+ 180	
TOTAL ADD'L FEE	

OTHER THAN SMALL ENTITY	
RATE	ADDITIONAL FEE
x 50	
x 200	
+ 360	
TOTAL ADD'L FEE	

If the entry in column 1 is less than the entry in column 2, enter "0" in column 3.

If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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